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PTO/SB/18 (08-00)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet 1 of 2		<b>Complete if Known</b>	
		Application Number	09/921,524
		Filing Date	August 3, 2001
		First Named Inventor	Nikitin, Alexei V.
		Group Art Unit	2121
		Examiner Name	Not Yet Known
		Attorney Docket Number	15252.3

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>[Handwritten initials]</i>	A1	4,531,440		Delman	04/23/1985	
	A2	4,682,230		Perlman, et al.	07/21/1987	
	A3	5,144,568		Glover	09/01/1992	
	A4	5,315,171		Blauer, et al.	05/24/1994	
	A5	5,384,865		Loveridge	01/24/1995	
	A6	5,408,675		Florentino, et al.	04/18/1995	
	A7	5,414,472		Hwang	05/09/1995	
	A8	5,426,786		Coffield	06/20/1995	
	A9	5,446,501		Takemoto, et al.	08/29/1995	
	A10	5,995,868		Dorfmeister, et al.	11/30/1999	
	A11	60/194,130		Nikitin, et al.	04/03/2000	
	A12	6,058,405		Kolte, et al.	05/02/2000	
	A13	60/223,206		Nikitin, et al.	08/04/2000	
	A14	6,121,817		Yang, et al.	09/19/2000	
	A15	6,223,083		Rosar	04/24/2001	
	A16	6,219,102		Wagner, et al.	04/17/2001	
	A17	6,199,084		Wiseman	03/06/2001	

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
<i>[Handwritten initials]</i>	B1	WO	01/75660A1		Flint Hills Scientific, LLC	10/11/2001	

Examiner Signature	<i>[Handwritten Signature]</i>	Date Considered	1-19-04
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	C1	OCHOA, E.; ALLEBACH, J.P.; SWEENEY, D.W.; Optical Median Filtering Using Threshold Decomposition; Applied Optics; 15 January 1987; pgs. 252-260; Vol. 26, No. 2; US.	
	C2	PAUL, S.; HUPER, K; Analog Rank Filtering; IEEE Transactions on Circuits and Systems—I: Fundamental Theory and Applications; 7 July 1993; pgs. 469-476; Vol. 40, No. 7.	
	C3	URAHAMA, K.; NAGAO, T.; Direct Analog Rank Filtering; IEEE Transactions on Circuits and Systems—I: Fundamental Theory and Applications; 7 July 1995; pgs. 385-388; Vol. 42, No. 7.	
	C4	NIKITIN, A.V.; DAVIDCHACK, R.L.; ARMSTRONG, T.P.; The Effect of Pulse Pile-up on Threshold Crossing Rates In A System With A Known Impulse Response; Nuclear Instruments & Methods in Physics Research-Section A; 1998; pgs. 1-29; A411; 159-171; Department of Physics and Astronomy, University of Kansas, Lawrence, Kansas, US.	
	C5	NIKITIN, A.V.; Pulse Pileup Effects In Counting Detectors; Ph.D. Thesis; September 1998; Department of Physics and Astronomy, University of Kansas, Lawrence, Kansas, US.	
	C6	KEBEDE, S; KUOSMANEN, P.; VAINIO, O; ASTOLA, J.; Simple Circuit For Implementation Of An Analog Stack Filters; Symposium Article; Tampere University of Technology—Signal Processing Laboratory; May 1994; pgs. 1-4; Tampere University of Technology; Finland.	
	C7	NICHOLSON, D.R.; Introduction to Plasma Theory; Chapter 3—Plasma Kinetic Theory I: Klimontovich Equation; 1983; pgs. 37-44; Krieger Publishing Company.	
	C8	NICHOLSON, D.R.; Introduction to Plasma Theory; Chapter 4—Plasma Kinetic Theory II: Liouville Equation; 1983; pgs. 45-47; Krieger Publishing Company.	

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